

**ARG63469**  
anti-HEC1 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HEC1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HEC1
Species	Human
Immunogen	C-YEKKATLIKSSEE
Conjugation	Un-conjugated
Alternate Names	Kinetochole-associated protein 2; TID3; hsNDC80; HEC1; KNTC2; Kinetochole protein NDC80 homolog; Highly expressed in cancer protein; HEC; Retinoblastoma-associated protein HEC; HsHec1; Kinetochole protein Hec1

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

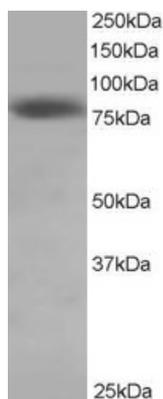
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

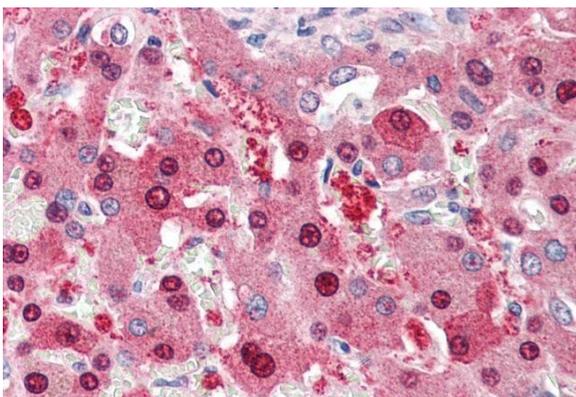
Database links	<a href="#">GeneID: 10403 Human</a> <a href="#">Swiss-port # O14777 Human</a>
Background	This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	74 kDa
PTM	Phosphorylation begins in S phase of the cell cycle and peaks in mitosis. Phosphorylated by NEK2. May also be phosphorylated by AURKA and AURKB.

## Images



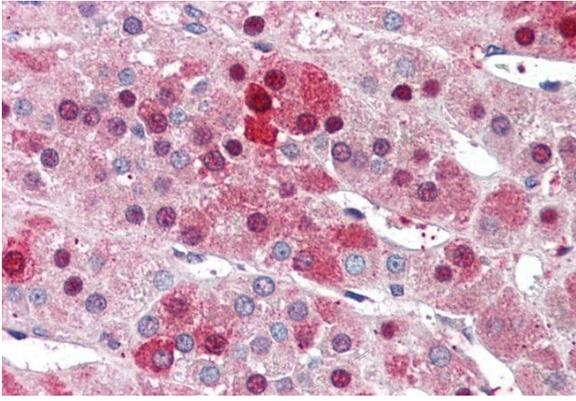
ARG63469 anti-HEC1 antibody WB image

Western Blot: HeLa lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63469 anti-HEC1 antibody at 0.5 µg/ml dilution.



ARG63469 anti-HEC1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63469 anti-HEC1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63469 anti-HEC1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human adrenal gland tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63469 anti-HEC1 antibody at 5  $\mu$ g/ml dilution followed by AP-staining.